It is Sunday the 21st June 2009 and here is ANARTS with our weekly RTTY news bringing you - cast 1548.

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

Items in this broadcast include

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A.N.A.R.T.S. News Bulletin 1548 for 21st June 2009

The sun is in the pits of a century-class solar minimum, and sunspots have been puzzlingly scarce for more than two years. Now, for the first time, solar physicists might understand why.

At an American Astronomical Society press conference last week in Boulder, Colorado, researchers announced that a jet stream deep inside the sun is migrating slower than usual through the star's interior, giving rise to the current lack of sunspots. Rachel Howe and Frank Hill of the National Solar Observatory in Tucson, Arizona, used a technique called helioseismology to detect and track the jet stream down to depths of 7,000 km below the surface of the sun.

The sun generates new jet streams near its poles every 11 years. The streams migrate slowly from the poles to the equator and when a jet stream reaches the critical latitude of 22 degrees, new-cycle sunspots begin to appear.

Howe and Hill found that the stream associated with the next solar cycle has moved sluggishly, taking three years to cover a 10 degree range in latitude compared to only two years for the previous solar cycle. The jet stream is now, finally, reaching the critical latitude, heralding a return of solar activity in the months and years ahead.

From a NASA press release

IPS Weekly Solar and Geophysical Report for 12th to 18th June, issued on 19th June by IPS Radio and Space Services.

SUMMARY

Date	12	13	14	15	16	17	18
10cm flux	69	68	68	67	68	68	68
AFr index	1	3	4	4	4	1 (	2 estimated)
Aaus index	1	2	3	3	2	1 (	1 estimated)
T index	5	-1	11	2	3	-3	-3

Solar flare activity was very low all week.

Geomagnetic activity observed for the Australian region was quiet all week.

Southern Australian ionospheric F2 critical frequencies were near predicted to 15 per cent enhanced on 12th; near predicted to 25 per cent enhanced on 13th; near predicted to 60 per cent enhanced on 14th; near predicted to 40 per cent on 15th; near predicted to 50 per cent enhanced on 16th; near predicted to 45 per cent enhanced on 17th; and near predicted to 30 per cent depressed on 18th. Night Spread F was observed at various locations on 15th to 18th.

Forecast for 19th to 25th June.

Solar activity should be very low.

Geomagnetic activity should see quiet to unsettled conditions.

Frequencies should be near predicted monthly values, with possible occasional depressions to 30 per cent.

Courtesy of IPS Radio and Space Services

Summary by Pat Leeper VK2JPA

ARLD024 DX news for 18th June 2009

MALTA, 9H. Giorgio, IV3EPO will be QRV as 9H3EP from June 23 to 29. Activity will be on 40, 30, 20, 15 and 10 meters using mostly CW. QSL to home call.

PHILIPPINES, DU. Gerard, F2JD is QRV as DU1/G0SHN and is here for about five months. He plans to be active from various islands while here. QSL via F6AJA.

ST. BARTHELEMY, FJ. Conny is QRV as FJ/DL1DA ands has been active on 20 and 17 meters using CW around 1900 to 2000z. QSL via DL1DA.

LIECHTENSTEIN, HB0. Tina, DL5YL and Fred, DL5YM will be QRV as HB0/home calls from Masescha from June 20 to July 2. Activity will be at various times on all HF bands using CW and possibly RTTY. QSL to home calls.

MONGOLIA, JT. Giampiero, I5NOC is QRV as JT1NOC until June 29. Activity is on 80 to 6 meters using CW and SSB. QSL to home call.

MARIANA ISLANDS, KH0. Tony, JA6CNL is QRV as KH0N from Saipan, IOTA OC-086, until June 23. This includes an entry in the All-Asian DX contest. Outside the contest, he is active mostly on 80, 30, 17 and 12 meters using CW. QSL to home call.

NORWAY, LA. Special event callsign LJ2T is QRV until June 28 in conjunction with the International Museums weekend. Activity is on 160 to 2 meters using CW, SSB, AM, FM and various digital modes. QSL via LA5EAA.

NETHERLANDS, PA. Members of VERON section 54 are QRV as PH100EL until July 12 to celebrate the 100th anniversary of the first flight of the aviation pioneer Charles count de Lambert. QSL via PD0PVQ.

AUSTRIA. OE. Operators from the Technical Museum Vienna are QRV as OE100TMW during its 100th anniversary until June 21. Activity is on all HF bands, including VHF. QSL via operators' instructions.

SWEDEN, SM. Jorgen, SM3CXS is QRV as SG3U from Grimskar Island, IOTA EU-176, until June 21. Activity is on 40 to 6 meters using CW and SSB in his spare time. QSL to home call.

POLAND, SP. Operators from the Long Distance Radio Communications Club of Poland are QRV as SP50DXC until June 30 to mark 50 years of the SP DX Club. QSL via bureau.

GREECE, SV. Dago, DJ5KZ is QRV as SV8/home call from Lesvos Island, IOTA EU-049, until June 30. QSL to home call.

SAN MARINO, T7. Operators Filippo, IK4ZHH, Giorgio, IZ4AKS, Max, IZ4DPV, Michele, IZ4GWE, Stefano, IW2MJQ and Vittorio, I4YSS will be QRV as T70A on June 20 and 21. Activity will be mostly on 6 meters

from three different locations. QSL via bureau.

REPUBLIC OF THE CONGO, TN. Nicolas is QRV as TN5SN and has been active on 6 meters and on RTTY on 20 meters around 2100z. QSL via IZ1BZV and LoTW.

ASIATIC RUSSIA, UA9. Alik, RX9WN is QRV as RX9WN/0/m until June 21 from Kharancy Island. This is a new IOTA. QSL via operator's instructions.

SERBIA, YT. Various Serbian stations are using special prefixes YU2009, YT2009, YU09, YT09, YT25 and YU25 until July 12 to promote the University Games 2009 taking place in Serbia. QSL via operators' instructions.

CALLSIGN CORRECTION. As reported in DX news ARLD023, Bob, VE1RSM is QRV as home call/VY1 from Whitehorse, Yukon Territory until August 17. Activity is on all HF bands, particularly 40, 30 and 20 meters, using CW and SSB during his evenings and weekends. QSL to home call.

THIS WEEKEND ON THE RADIO. The All Asian DX CW Contest, NCCC Sprint CW Ladder, 1st ARR BPSK63 Contest, Digital Pentathlon, SMIRK CW Contest, Feld Hell Sprint, AGCW VHF/UHF CW Contest, West Virginia QSO Party, Kid's Day Contest and the DIE Contest will certainly keep contesters busy this weekend. The Run for the Bacon QRP CW Contest is scheduled for June 22. The SKCC CW Sprint is scheduled for June 24.

The Ohio/Penn DX Bulletin No. 912 - excerpts

5R8, MADAGASCAR (Update)
Texas DX Society (TDXS) member, Wayne, W5KDJ, will be active as 5R8KD from Antananarivo between July 4-17th. Activity will be on 160-6 meters using CW and RTTY. Wayne will also be active in the IARU Contest (July 11-12th) and operate from the shack of 5R8FU using his new TH-11-DX. QSL via his home callsign. Online log search will be available. Logs will be uploaded to LoTW and eQSL.

9H, MALTA
Giorgio, IV3EPO, will be active as 9H3EP between June 23-29th. Activity will be on 40-10 meters, mainly CW. QSL via IV3EPO, by the Bureau or direct.

C2, NAURU (Reminder)
Dani, EA4ATI/9M2TI, and possibly other operators are expected to activate Nauru in the Pacific (refer to OPDX.894) as C21TI between June 16-26th. Activity will be on all HF bands including 60m and 6m. The suggested frequencies mentioned (as of now) are:
CW - 1825.5, 3505, 7005, 10110, 14025, 18075, 21025, 24895 and 28025
SSB - 1825.5, 3799, 5371.5, 7065, 14195, 18145, 21295, 24945 and 28495 kHz
6m - 50.115 MHz (CW/SSB)
Visit their new Web page at
http://c21ti.madrono.net/index.html

CQ NEWS..... (Press Releases via Richard Moseson, W2VU, Editor of CQ Amateur Radio):
CQWW Adds New "Xtreme" Category (Hicksville, NY - June 10th)
A new "Xtreme" category is being added to the CQ World Wide DX Contest to encourage the development of new technologies in amateur radio communications in general and contesting in particular. According to CQ WW Contest Director Bob Cox, K3EST, this new category has been established to allow amateurs to participate in the CQ WW contest while experimenting creatively with

Internet-linked stations and other new technologies.

DXCC 2008 YEARBOOK
Many have received their yearbook this past weekend. Keep watching your mailbox for it.

E51, SOUTH COOK ISLANDS (Update)
Nigel, G4KIU, now active as E51SC from the Island of Rarotonga (OC-013), was quite active this past weekend on RTTY on 20 meters and PSK31. He moved to the South Cook Islands and is expected to also be active on 80-10 meters mainly on SSB, RTTY, PSK31 and with some CW. Nigel announced this past week he will be an entry in the RSGB IOTA Contest (July 25-26th) as a Single-Op. Direct QSLs are to be sent to: Nigel Peacock, P.O. Box 880, Rarotonga, Cook Islands (via New Zealand). Please send a SAE, plus 2 USDs or 2 new style IRCs. Any direct cards received without the above items will be returned via the Bureau. Bureau QSLs go to: E51SC via G4KIU/RSGB.
IMPORTANT There is no QSL Bureau in the Cook Islands. Cards without G4KIU on them will NOT be received. Please "DO NOT" send direct cards to any G4KIU address in England - they will NOT arrive. All E51SC contacts will be loaded to LoTW about once a week. He does not use e.QSL at all.

HG400, HUNGARY (Special Event)
Sanyi, HA0HV, is currently active using the special callsign HG400HV through the end of the year (December 31st). Activity is to celebrate his town's 400th anniversary, which was established by the "hajduk" who called their settlement "Hajduboszormeny". The town Hajduboszormeny is in eastern Hungary with a population of approximately 32,000 people. Sanyi expects to operate on all HF bands plus 6 and 2 meters using CW, SSB and the Digital modes. QSL via HA0HV, by the HA Bureau or direct using the (QRZ.com) address.

IOTA NEWS

EU-008. Michael, DL6MHW, will be active as MM/DL6MHW from the Isle of Mull, Scotland, during the RSGB IOTA Contest (July 25-26th). QSL via DL6MHW.

EU-049. Theo, SV1EJD, will be active as SV8/SV1EJD while on vacation from Lesvos Island between July 12-22nd. Activity will be on 80-10 meters using SSB and RTTY. More details will be forth- coming on:
http://www.sv1ejd.gr/lesvos.htm

EU-105. Theo, ON4ATW, informs OPDX: "The Rockall 2009 group will participate in the IOTA contest from Ile de Batz, Finistere North. To recover from the trip to Rockall and to start preparation for a new attempt, the crew and the support team will join the DXpedition class in a Multi-Operator, Low-Power effort. Team members include ON3DX, ON4AHF, ON4ATW, ON4HIL, ON4IA, ON6CC, ON6LEO, ON6NL, ON6ZU and ON7YT. The call used will be F/OT2A and QSL will go via the home call."

EU-128. Sebastian, DL1AXX, will be active as DL1AXX/P from the small Island of Warder (O-32 for the German Island Award), between July 11-18th. Activity will be on 80/40/30 meters CW only. QSL via DL1AXX.

NA-055. Mike, W2IY, will be active as W2IY/1 from Mt. Desert, Maine, during the RSGB IOTA Contest (July 25-26th). QSL via W2IY, by the Bureau or eQSL.

NA-185. Operators Mike/K9AJ and Bruce/KD6WW will team-up and be active as homecall/VY0 from the Thomson Island (CISA New One!), the Canadian offshore Rankin Inlet, Nunavut, starting during their local Friday evening, July 31st through their local Monday morning, August 3rd. Using two stations, look for them on or near the usual IOTA frequencies using CW and SSB. QSL via their home callsigns.

OC-130. Maarten "Moj", PA3GZU, will be active as DU9/PA3GZU from Mindanao Island

(WLOTA 2803), July 6th through August 1st. Activity will be holiday style on the HF bands with low power. QSL via his home callsign, the Bureau is preferred.

JT, MONGOLIA
Giampiero, "Peter", I5NOC, will be active as JT1NOC between now and June 29th. Activity will be on 80-10 meters, possibly 6m, using CW, SSB and PSK. He was heard this past weekend on 20 meters CW and PSK31. QSL via I5NOC.

NZART MEMORIAL CONTEST
This special contest is on the air to commemorate those from our ranks who lost their lives in World War II. The contest is open to all operators and it is held the first Saturday and Sunday evenings in July. A total of six operating periods; three each evening of one hour each from 0800-1100z. Complete rules are available at:
http://www.nzart.org.nz/contests/2009/2009-memorial-rules.pdf

TO7, MAYOTTE (AF-027)
Willi, DJ7RJ, is expected to announce plans to be active as TO7RJ from Mayotte soon. QSL via DJ7RJ. More details are forthcoming.

TZ, MALI (Update)
Ed, W0SD, updates OPDX that the TZ6EI DXpedition by operators Ed/W0SD, Holly/N0QJM and Arliss/W7XU will be primarily on six meters, June 26th through July 5th. The group will be on 50.103 MHz. Ed states, "We have our TZ6EI license and VISAs in hand and our necessary immunizations. We will be bringing backup equipment and have permission to operate from the roof of the Hotel Mande in Bamako. There will be RTTY operation concurrent with the six meter operation. There will be CW and SSB operations at night after six meter sporadic E is over. For HF, we are planning to operate on 30, 20 and 17 meters. The complete details are on the web site." QSL via W7XU. DX QSL cards need 2.00 USDs and a SAE or current IRCs. USA cards should have an SASE. Contributions to defray expenses can be sent with the QSL card. The logs will eventually be uploaded to LoTW. The Web page for the TZ6EI Mali operation is:
http://w0sd.com/mali/mali.htm

V3, BELIZE
Per, LA5OPA will be active as V31NP from Ambergris Cay (NA-073) between July 26th and August 12th. Activity will be mostly on 20 meters SSB and PSK31. He will also operate on the other bands, if propagation is open to Europe. Per will be using 100 watts with a Buddipole antenna system. QSL via LA5OPA, by the Bureau or direct.

WP4, PUERTO RICO (LH Op)
Members of the Caribbean Amateur Radio Group (WP4CRG) will be active as W4L from the Arecibo Lighthouse (ARLHS PUR-001, TWLHD WLH KP4-001), Puerto Rico (NA-099, USI PR-006S, WLOTA 2802) between 1200z, August 14th and 2359z August 23rd. This activity will include the International Lighthouse/Lightship Weekend (ILLW, August 15-16th). Look for them on the following frequencies:
SSB - 7150, 14225, 18122 and 28350 kHz
SSTV - 14230 kHz
QSL direct to: CARG, PO Box 140031, Arecibo, PR 00614-0031.

YU, SERBIA (Special Prefixes)
Look for Serbian operators to use the following special prefixes YT25, YU25, YU2009, YT2009, YU09 and YT09 between June 12th and July 12th. Activity is to help promote the 25th Summer Universiade Belgrade 2009 sporting event (July 1-12th). This is an Olympic type sport competition with 9000 students from 140 countries competing in 15 sports and 208 disciplines. The official Universiade Belgrade 2009 Web is at:
http://www.universiade-belgrade2009.org/eng/Contents/ContentDefault.aspx?temp=0&sid=50
For an up-to-date list of special callsigns/operators and QSL info, go to:
http://www.yu1srs.org.rs/dl/srs_doc/Znakovi_dodeljeni_Univerzijada.pdf

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The Society can be contacted in the following ways: To Pat VK2JPA via patleeper at optusnet.com.au, or you can drop a line to PO Box 93 Toongabbie NSW 2146.
73â€™s from Pat VK2JPA broadcast Officer.